	er ID 111741 y 20, 2014 3:58:16 PM	$\frac{3451^{-041}}{3111741}$	*111	741*						Page 1
Revision ID:	D3451-041 Handle And Lock-Down Assembly	2	Accept	*N900	<u>ი</u> 40	100)* s	etup Star Sto	171	S1* S2*
Start Date: Required Date: Reference:	1/20/2014 Start Qty: 5.00 1/31/2014 Req'd Qty: 5.00			Cust Item I Customer:	D:					
Approvals:	Process Plan:	Date: 14-1-20	Tooling:	Da	ate:	_	R	tun Star	~1 <i>V</i>	R1*
	QC:	Date:	SPC (Y/N):	Da	ate:			Sto	, *N	R2*
Sequence ID/ Work Center ID	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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D3451	Rev A									
00			0.00							
*1 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	Large Fab Memo Weld as	per dwg PB67-43001	0.00				\$	L 14.034	06 D	
110	QC9- Inspect visual	per QS1004- Fusion Welds	0.00							
110 QC Quality Control	Memo		0.00				_5		14-2	-11
			DAS 27							
¹²⁰ *1 <i>つ</i> ∩*	QC5- Inspect part co	ompleteness to step on W/O	0.00	11			5			
ペトンロへ QC	Memo		0.00	11						

Quality Control

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	-		•			Rework	1		Skid-tube	Crosstube			Water Jet	Engineering
Part N	lo.					Scrap	1		Machining	Small Fab	\dashv	Proc	d. Eng. Coor.	Quality
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Cause	_	Date	Step	Qty		or non-conformance	Ch	ief Eng	Desc	ription	\perp	Date	Verification	QC Inspector
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1	\vdash	Cracks	or concer	ILIIC		Broken/Damage/Defect	\vdash	Hardwa	are		_	Part Incorre		Temperature/Cure
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	\vdash	Crushing			<u> </u>	Countersink	\vdash	4	gned/off center	1	_	Positioned V		
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	Г	Marks/Ch	•			Drill Holes		Off-set			-		-	
			Finish		-	Calibration		-						
Wave/Twist in Tube			Fit/Function	Out of Sequence										

111741

Page 2

Monday, January 20, 2014 3:58:16 PM **Item ID:** D3451-041 Accept *N900040100* Setup Start **Revision ID:** Stop **Item Name:** Handle And Lock-Down Assembly **Start Date:** Start Oty: 5.00 *5* 1/20/2014 **Cust Item ID:** Required Date: 1/31/2014 Req'd Qty: 5.00 *5* **Customer:** Reference: Run Process Plan: Date: Tooling: **Approvals:** Date: Stop Date: QC: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ **Tool ID** Tool # Plan Reject Reject Accept Insp. **Work Center ID** Description Number Stamp **Run Hours** Code Oty Oty 130 Chemical Conversion Coat per QSI005 4.1 0.00 5 The 14.2.11 *130* HandFinish 0.00 Memo Hand Finishing 140 Green Sandtex(Ref:4.3.5.8) per QSI005 4.3 0.00 5 d 14-2-11 358 M111277 *140* Powdercoat 0.00 Memo Powder Coating OVEN TEMPERATURE: 150 QC3- Inspect Part Finish 0.00 5 SAO 14/02/14 *150* 0.00 Memo Quality Control

DQA:		 	Date:			WORK ORDER NON-CONFORMANCE / UPDATE									
QA Closed:			Date:			WORK ORDER NON	I-CC	JINFUI	KIVIANCE / C		Wor	k Order up	date only	\neg	AEROSPACE
March Ords						DISPOSITION				AGAINST I	DEP	ARTMENT/	PROCESS		
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	-	Cracks			_	Broken/Damage/Defect	<u> </u>	Hardwa			\vdash	Part Incorre			Temperature/Cure
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Work Orde Monday, Januar				*111	741*							Page 3
Item ID: Revision ID:	D3451-041			Accept	*N900	0040	100)* ፡	_	Start	*N	S1*
Item Name:	Handle And I	Lock-Down Assembly								Stop	*N	S2*
Start Date: Required Date: Reference:	1/20/2014 1/31/2014	Start Qty: 5.00 Req'd Qty: 5.00	*5* *5*		Cust Item Customers						, ,	
Approvals:	Process Pla	an:	Date:	Tooling:	Γ	Date:	_	I	Run	Start	*N	R1*
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Sequence ID/ Work Center II)	Operation Description	,, J <u>a</u> , ,,	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reje Qty		Reject Vumber	Insp. Stamp
160 Small Fab		Small Fab Memo		0.00				_5				14-02-1
Small Fab		1- assemble	rubber handle as per dwg	PB67-43001								•
170 *17 0 *		QC5- Inspect part compl	leteness to step on W/O	0.00 SM				5				
QC		Memo		0.00 JY/Z/	14							

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Identify as per dwg & Stock Location: MEZ22 0.00

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						Rework	4		Skid-tube	Crosstube	-	Water Jet	Engineering		
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Wave/Twist in Tube		Fit/Function		Out of	Sequence		Out of Sequence								

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Work Ord Monday, Januar				*111					Page 4			
Item ID: Revision ID: Item Name:	D3451-041 Handle And I	Lock-Down Assembly	<i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> - <i>x</i> -	Accept	*N900	040	100)*	Setup	Start Stop	*N	S1*
Start Date: Required Date: Reference:	1/20/2014 1/31/2014	Start Qty: 5.00 Req'd Qty: 5.00	*5* *5*		Cust Item I Customer:	D:						. 17
Approvals:	Process Plan	an:	Date:	Tooling:	Da	ate:	_		Run	Start	*N	R1*
	QC:	-	Date:	SPC (Y/N):		ate:				Stop	*N	R2*
Sequence ID/ Work Center I	D	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	t Rej Qty		Reject Number	Insp. Stamp
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1QA QC Quality Control		Мето		0.00						M	[4-	62-18
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			<u> </u>			DISPOSITION			<u> </u>		EPARTMENT		
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						Rework			Skid-tube	Crosstube		Water Jet	Engineering
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						Use-as-is		Thern	noforming	Finishing	Rec/Sto	re/Packaging	Other
NCR I	No.					Suspected Unapproved]		Large Fab	Composite	_	Supplier	
Root					Desci	ription of work order update		nitial	Ac	tion	Sign &		
Cause		Date	Step	Qty		or non-conformance	Ch	ief Eng	Desc	ription	Date	Verification	QC Inspector
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Unapproved				<u> </u>					<u> </u>				
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		Bending			_	Bend	L	4	Program	1	Outside Dim	<u> </u>	Pressure/Forced
		Centre No	ot Concer	ntric	\vdash	BOM/Route		Grain		Ļ	Over/Under	⊢	Set-up
	L	Cracks			<u> </u>	Broken/Damage/Defect	\vdash	Hardwa		-	Part Incorre	_	Temperature/Cure
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Ì		Turning S	•			Finish	L	4	Calibration Sequence				
L	Wave/Twist in Tube			Fit/Function									

H:/FORMS/Quality Assurance\approved QA/NCRWO RevH

Monday, January 20, 2014 3:58:15 PM

Work Order ID:

111741

Parent Item:

D3451-041

Parent Item Name:

Handle And Lock-Down Assembly

Start Date: 1/20/2014

Required Date: 1/31/2014

Start Qty: 5.00

Required Qty: 5.00

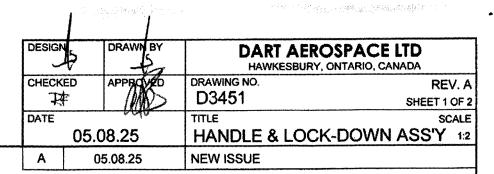
Comments:

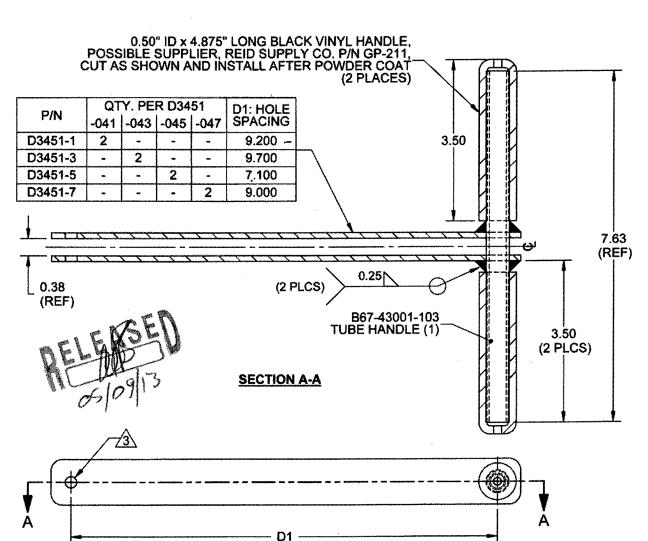
IPP Rev:A 08-06-27 new issue DD verified by:ec

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3451-1 Tube Handle Arm		Manufactured	No			100	Each	11.0000	2	10	PI (G)	05-01	SPD
				Location Mezz2	04816	<u>Loc Oty</u> 11 11	<u>L</u>	oc Code	B1 <u>11715</u>	<u>-> 10</u>			
GP-211 Rubber Handle		Purchased	No		,1010	100	Each	115.0000	2	10	FT	- 14	-02-1
					23937	Loc Oty 15 15		oc Code	١		•		
PB67-43001-103 Tube Handle		Manufactured	No	ST284 <u>M</u>	127975	100 100		20.0000	1	5	<u> 37 14</u>	<u>-03-0</u>	6 D
				Location Mezz	2570	<u>Loc Oty</u> 4 4	<u>La</u>	oc Code	BIII	<u> </u>	5		
					00015 0891	16 12 4							

DQA:			Date:										
						WORK ORDER NON-	-CC	ONFO	RMANCE / UPDATE				AEROSPACE
QA Closed:			Date:							W	ork Order up	odate only	
Work Orde	r:					DISPOSITION			AGAINST	DE	PARTMENT	/PROCESS	
· · · · · · · · · · · · · · · · · · ·	•	<u>.</u>				Rework	1		Skid-tube Crosstube			Water Jet	Engineering
Part N	lo.					Scrap		[Machining Small Fab		Pro	d. Eng. Coor.	Quality
	•					Use-as-is			noforming Finishing		Rec/Sto	re/Packaging	Other
NCR N	10.					Suspected Unapproved]		Large Fab Composite			Supplier	
Root					Desc	ription of work order update	ı	nitial	Action		Sign &		
Cause		Date	Step	Qty		or non-conformance	Ch	ief Eng	Description		Date	Verification	QC Inspector
Design											!		
Doc/Data													!
Equip/Tooling							Ì						
Handling/Pre	\Box												
Material									·			,	
Operator	Ц			•								'	
Offset/Setup													
Process													
Supplier			1										
Training											ļ	ļ	
Transport													
Unapproved			<u> </u>	<u> </u>									
							FA	ULT CA	TEGORY				
Landi	_	1			_	General		1			1		
		Bending			_	Bend	_	4	Program	-	Outside Dim	⊢	Pressure/Forced
}	<u> </u>	Centre No	ot Concer	ntric	_	BOM/Route	_	Grain		\vdash	Over/Under	 -	Set-up
		Cracks				Broken/Damage/Defect	_	Hardwa		-	Part Incorre	<u> </u>	Temperature/Cure
		Crimp/Kir	nk/Ripple	/Wave	<u> </u>	Burrs	\vdash	- '	ion Incomplete/Unqualified	<u> </u>	Part Lost/M		Weld
		Cuffs				Contamination	\vdash	4	tions Incomplete/Unclear	\perp	Part Moved	⊢	Wrong Stock Pulled
		Crushing			<u> </u>	Countersink	\vdash	-	gned/off center	<u> </u>	Positioned \		¬
	_	Heat Trea				Cut Too Short	<u></u>	Mislab			Power Loss/	'Surge	Other
	-	Inspectio		Tube		Drawing	L	Misrea					
		Marks/Ch			<u> </u>	Drill Holes		Off-set					
	$ldsymbol{le}}}}}}}$	Turning S			<u>_</u>	Finish		┥	Calibration				
	Wave/Twist in Tube		Fit/Function	Out of Sequence									







D3451-041/-043/-045/-047 HANDLE & LOCK-DOWN ASS'Y

D3451-041 SUPERSEDES PREMIER P/N B67-43001-41 D3451-045 SUPERSEDES PREMIER P/N B67-43001-39 D3451-047 SUPERSEDES PREMIER P/N B67-43001-55

NOTES:

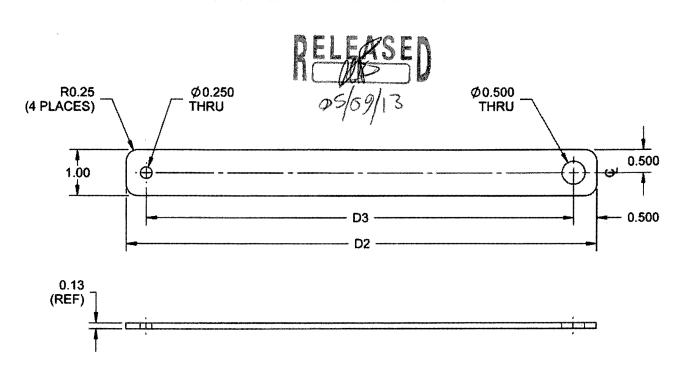
- 1) WELD PER DART QSI 004 2) CHEMICAL CONVERSION COAT PER DART QSI 005 4.1 3) MASK BEFORE PAINTING.
- 4) FINISH: POWDER COAT PAINT GREEN SANDTEX (4.3.5.8) PER DART QSI 005 4.3
- 5) PART IS SYMETRICAL ABOUT CENTER LINE.
 6) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- ALL DIMENSIONS ARE IN INCHES
- 8) BREAK ALL SHARP EDGES 0.005 TO 0.010

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DQA:			Date:			WORK ORDER NON-CONFORMANCE / UPDATE										
QA Closed:			Date:			WORK ORDER NON-	-CC	ONFO	RMANCE / U		/ork Order up	date only	AEROSPACE			
QA Closea.			Date.				_			V	ork Order up	date only				
Work Orde	er:					DISPOSITION				AGAINST D	EPARTMENT,	PROCESS				
	•					Rework	ı		Skid-tube	Crosstube		Water Jet	Engineering			
Part f	lo.					Scrap			Machining	Small Fab	Pro	d. Eng. Coor.	Quality			
	•					Use-as-is		l	noforming	Finishing		e/Packaging	Other			
NCR I	lo.					Suspected Unapproved			Large Fab	Composite		Supplier				
	•															
Root					Desc	ription of work order update		nitial	ŀ	tion	Sign &					
Cause		Date	Step	Qty		or non-conformance	Ch	ief Eng	Descr	ription	Date	Verification	QC Inspector			
Design																
Doc/Data				ļ												
Equip/Tooling																
Handling/Pre					ļ Į		1									
Material																
Operator		1														
Offset/Setup			į													
Process																
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Training							ł									
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Unapproved	L	<u> </u>	<u></u>	<u> </u>	<u>.</u>		FΔI	III T CA	TEGORY				<u></u>			
Landi	nø (General		OLI CA	120011		-					
-	<u> </u>	Bending				Bend] Folio/F	Program		Outside Dim	ensions	Pressure/Forced			
		Centre No	ot Concei	ntric		BOM/Route	\vdash	Grain		F	Over/Under	 	Set-up			
		Cracks				Broken/Damage/Defect	\vdash	Hardwa	are	F	Part Incorred	⊢	Temperature/Cure			
	\vdash	Crimp/Kir	nk/Ripple	/Wave		Burrs		4	ion Incomplete/Ui	ngualified	Part Lost/Mi	 	Weld			
		Cuffs	• •	•		Contamination		4 '	tions Incomplete/I	· -	Part Moved		Wrong Stock Pulled			
		Crushing				Countersink		Misali	gned/off center	<u> </u>	Positioned V					
	Г	Heat Trea	it			Cut Too Short		Mislab	eled	Γ	Power Loss/	Surge	Other			
	Γ	Inspection	n Strip in	Tube		Drawing		Misrea	d	_						
		Marks/Ch	natter			Drill Holes		Off-set	:							
. — — —		Finish		Out of	Calibration											
Wave/Twist in Tube		Fit/Function	Out of Sequence													



	1		
DESIGN	DRAWN BY		OSPACE LTD ONTARIO, CANADA
CHECKED	APPROYED	DRAWING NO.	REV. A
14	July	D3451	SHEET 2 OF 2
DATE	ı	TITLE	SCALE
05.	.08.25	HANDLE & LOCK	(-DOWN ASSY 12



P/N	D2: CUT LENGHT	D3: HOLE SPACING				
D3451-1	10.25	9.200				
D3451-3	10.63	9.700				
D3451-5	8.00	7.100				
D3451-7	10.00	9.000				

D3451-1/-3/-5/-7 TUBE HANDLE ARMS

D3451-1 SUPERSEDES PREMIER P/N B67-43001-303 D3451-5 SUPERSEDES PREMIER P/N B67-43001-301 D3451-7 SUPERSEDES PREMIER P/N B67-43001-101

NOTES:

1) MATERIAL: 6061-T6 (OR 6061-T651/T6510/T6511/T62) BAR
PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR
PER AMS-QQ-A-200/8 (OR AMS 4160)
(REF. DART SPEC. M6061T6B0.125)
2) PART IS SYMETRICAL ABOUT CENTER LINE.
3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
4) ALL DIMENSIONS ARE IN INCHES
5) BREAK ALL SHARP EDGES 0.005 TO 0.010



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DQA: Date:			WORK ODDED NON CONFORMANCE / LIDDATE								DART				
QA Closed: Date:						WORK ORDER NON-CONFORMANCE / UPDATE Work Order update only								AEROSPACE	
			DISPOSITION Rework		AGAINST DEPARTMENT/PROCESS										
Work Order:		Skid-tube Crosstube				Water Jet			Engineering						
Part No.			Scrap		Machining Small Fab				Prod. Eng. Coor.			Quality			
Part No.			Use-as-is		·		Finishing	\dashv		e/Packaging	ᅥ	Other			
NCR No.			Suspected Unapproved		_ _		Composite	\dashv	Supplier						
									Jp[_					
Root					Desc	ription of work order update	П	nitial	Ac	tion		Sign &			
Cause		Date	Step	Qty		or non-conformance	Ch	ief Eng	Desc	ription		Date	Verification		QC Inspector
Design															
Doc/Data														ļ	
Equip/Tooling															
Handling/Pre															
Material	Ш						l								
Operator							ļ		•		-				
Offset/Setup															
Process									1					-	
Supplier															
Training							ľ							ļ	
Transport									1			•	ı	Í	
Unapproved									<u> </u>		\Box				
							FA	ULT CA	TEGORY		<u>-</u>				
Landi	<u> </u>	1			_	General	_	1 .		1	_		_	_	
		Bending Centre Not Concentric		Bend					-	Outside Dimensions			Pressure/Forced		
					BOM/Route		Grain			\vdash	Over/Under tolerance			Set-up	
<u> </u>		Cracks		Broken/Damage/Defect	lacksquare	Hardwa	 		ш	Part Incorrect		_	Temperature/Cure		
<u> </u>	Crimp/Kink/Ripple/Wave			Burrs	<u>_</u>	4 '	on Incomplete/Unqualified		\vdash	Part Lost/Missing			Weld		
	Cuffs		<u> </u>	Contamination	<u></u>	4	tions Incomplete/Unclear		\vdash	Part Moved			Wrong Stock Pulled		
	Crushing		<u> </u>	Countersink		-	gned/off center		⊢		ositioned Wrong		l		
	Heat Treat		oxdapsilon	Cut Too Short		Mislab			Ш	Power Loss/Surge			Other		
	Inspection Strip in Tube		oxdot	Drawing		Misread			_						
	Marks/Chatter		Drill Holes		-[Off-set		-							
	Turning Sequence		L	Finish		Out of Calibration			_						
	Wave/Twist in Tube Fit/Function		Fit/Function	1	lOut of	Sequence									